

Fig.1 Immunofluorescent staining of DAF protein on BGMK cells, A. transfected with DAF; B. untransfected and H292 cells, C. transfected with DAF; D. untransfected.

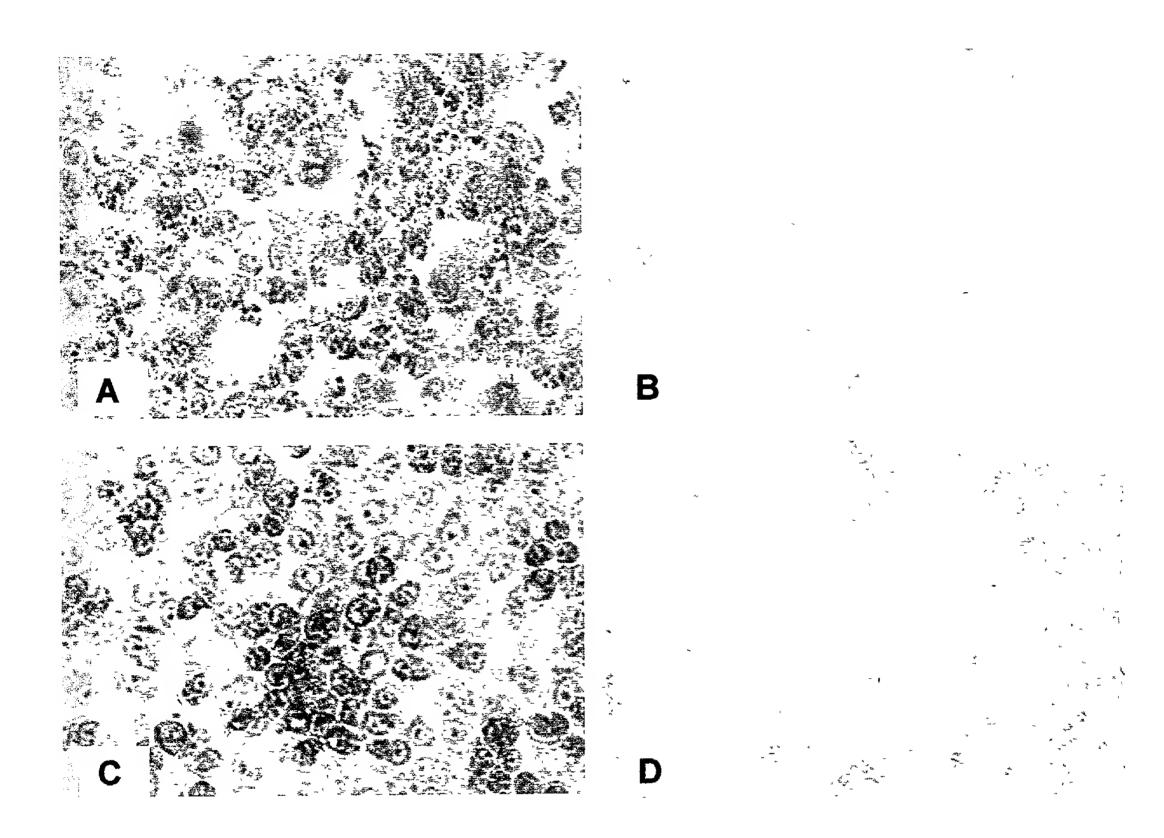


Fig. 2 CPE of enterovirus infected BGMK cells, A. infected; B. uninfected, and BGMK-DAF cells, C. infected; D. uninfected

FIGURE 3A

(A)

1 cegagegtge cegeggeget geceeteete ggggagetge eeeggetget getgetggtg 61 ctgttgtgcc tgccggccgt gtggggtgac tgtggccttc ccccagatgt acctaatgcc 121 cagccagett tggaaggeeg tacaagtttt eegaggata etgtaataac gtacaaatgt 181 gaagaaaget ttgtgaaaat teetggegag aaggaeteag tgaeetgeet taagggeatg 241 caatggtcag atattgaaga gttctgcaat cgtagctgcg aggtgccaac aaggctaaat 301 tetgeateec teaaacagee ttatateact cagaattatt tteeagtegg tactgttgtg 361 gaatatgagt geegteeagg ttacagaaga gaacettete tateaceaaa aetaaettge 421 cttcagaatt taaaatggtc cacagcagtc gaattttgta aaaagaaatc atgccctaat 481 ccgggagaaa tacgaaatgg tcagattgat gtaccaggtg gcatattatt tggtgcaacc 541 ateteettet eatgtaacae agggtaeaaa ttatttgget egaettetag tttttgtett 601 atttcaggca gctctgtcca gtggagtgac ccgttgccag agtgcagaga aatttattgt 661 ccagcaccac cacaaattga caatggaata attcaagggg aacgtgacca ttatggatat 721 agacagtetg taacgtatge atgtaataaa ggatteacea tgattggaga geactetatt 781 tattgtactg tgaataatga tgaaggagag tggagtggcc caccacctga atgcagagga 841 aaatetetaa etteeaaggt eecaceaaca gtteagaaac etaceaeagt aaatgtteea 901 actacagaag teteaceaac tteteagaaa aceaceacaa aaaceaceae aceaaatget 961 caagcaacac ggagtacacc tgtttccagg acaaccaagc attttcatga aacaacccca 1021 aataaaggaa gtggaaccac ttcaggtact acccgtcttc tatctgggca cacgtgtttc 1081 acgttgacag gtttgcttgg gacgctagta accatgggct tgctgactta gccaaagaag 1141 agttaagaag aaaatacaca caagtataca gactgttcct agtttcttag acttatctgc 1201 atattggata aaataaatgc aattgtgctc ttcatttagg atgctttcat tgtctttaag 1261 atgtgttagg aatgtcaaca gagcaaggag aaaaaaggca gtcctggaat cacattctta 1321 gcacacetge gcetettgaa aatagaacaa ettgeagaat tgagagtgat teettteeta 1381 aaagtgtaag aaagcataga gatttgttcg tattaagaat gggatcacga ggaaaagaga 1441 aggaaagtga tttttttcca caagatctga aatgatattt ccacttataa aggaaataaa 1501 aaatgaaaaa cattatttgg atatcaaaag caaataaaaa cccaattcag tctcttctaa 1561 gcaaaattgc taaagagaga tgaccacatt ataaagtaat ctttggctaa ggcattttca 1621 tettteette ggttggcaaa atattttaaa ggtaaaacat getggtgaac cagggtgttg 1681 atggtgataa gggaggaata tagaatgaaa gactgaatct tcctttgttg cacaaataga 1741 gtttggaaaa agcctgtgaa aggtgtcttc tttgacttaa tgtctttaaa agtatccaga 1801 gatactacaa tattaacata agaaaagatt atatattatt tetgaatega gatgteeata 1861 gtcaaatttg taaatcttat tettttgtaa tatttattta tatttattta tgacagtgaa 1921 cattctgatt ttacatgtaa aacaagaaaa gttgaagaag atatgtgaag aaaaatgtat 1981 ttttcctaaa tagaaataaa tgatcccatt ttttggt

FIGURE 3B

(B)

PSVPAALPLLGELPRLLLLVLLCLPAVWGDCGLPPDVPNAQPAL

EGRTSFPEDTVITYKCEESFVKIPGEKDSVTCLKGMQWSDIEEFCNRSCEVPTRLNSA

SLKQPYITQNYFPVGTVVEYECRPGYRREPSLSPKLTCLQNLKWSTAVEFCKKKSCPN

PGEIRNGQIDVPGGILFGATISFSCNTGYKLFGSTSSFCLISGSSVQWSDPLPECREI

YCPAPPQIDNGIIQGERDHYGYRQSVTYACNKGFTMIGEHSIYCTVNNDEGEWSGPPP

ECRGKSLTSKVPPTVQKPTTVNVPTTEVSPTSQKTTTKTTTPNAQATRSTPVSRTTKH

FHETTPNKGSGTTSGTTRLLSGHTCFTLTGLLGTLVTMGLLT

(A)

FIGURE 4

1 ccgctgggcg tagctgcgac tcggcggagt cccggcggcg cgtccttgtt ctaacccggc 61 gegecatgae egtegegeg eegagegtge eegeggeget geeceteete ggggagetge 181 ccccagatgt acctaatgcc cagccagctt tggaaggccg tacaagtttt cccgaggata 241 ctgtaataac gtacaaatgt gaagaaagct ttgtgaaaat tcctggcgag aaggactcag 301 tgatctgcct taagggcagt caatggtcag atattgaaga gttctgcaat cgtagctgcg 361 aggtgccaac aaggctaaat tctgcatccc tcaaacagcc ttatatcact cagaattatt 421 ttccagtcgg tactgttgtg gaatatgagt gccgtccagg ttacagaaga gaaccttctc 481 tatcaccaaa actaacttgc cttcagaatt taaaatggtc cacagcagtc gaattttgta 541 aaaagaaatc atgccctaat ccgggagaaa tacgaaatgg tcagattgat gtaccaggtg 601 gcatattatt tggtgcaacc atctccttct catgtaacac agggtacaaa ttatttggct 661 cgacttctag tttttgtctt atttcaggca gctctgtcca gtggagtgac ccgttgccag 721 agtgcagaga aatttattgt ccagcaccac cacaaattga caatggaata attcaagggg 781 aacgtgacca ttatggatat agacagtctg taacgtatgc atgtaataaa ggattcacca 841 tgattggaga gcactctatt tattgtactg tgaataatga tgaaggagag tggagtggcc 901 caccacctga atgcagagga aaatctctaa cttccaaggt cccaccaaca gttcagaaac 961 ctaccacagt aaatgttcca actacagaag tctcaccaac ttctcagaaa accaccacaa 1021 aaaccaccac accaaatgct caagcaacac ggagtacacc tgtttccagg acaaccaagc 1081 attttcatga aacaacccca aataaaggaa gtggaaccac ttcaggtact acccgtcttc 1141 tatctggttc tcgtcctgtc acccaggctg gtatgcggtg gtgtgatcgt agctcactgc 1201 agtctcgaac tcctgggttc aagcgatcct tccacttcag cctcccaagt agctggtact 1261 acagggcaca cgtgtttcac gttgacaggt ttgcttggga cgctagtaac catgggcttg 1321 ctgacttagc caaagaagag ttaagaagaa aatacacaca agtatacaga ctgttcctag 1381 tttcttagac ttatctgcat attggataaa ataaatgcaa ttgtgctctt catttaggat 1441 gctttcattg tctttaagat gtgttaggaa tgtcaacaga gcaaggagaa aaaaggcagt 1501 cctggaatca cattcttagc acacctacac ctcttgaaaa tagaacaact tgcagaattg 1561 agagtgattc ctttcctaaa agtgtaagaa agcatagaga tttgttcgta tttagaatgg 1621 gatcacgagg aaaagagaag gaaagtgatt tttttccaca agatctgtaa tgttatttcc 1681 acttataaag gaaataaaaa atgaaaaaca ttatttggat atcaaaagca aataaaaacc 1741 caattcagtc tcttctaagc aaaattgcta aagagagatg aaccacatta taaagtaatc 1801 tttggctgta aggcattttc atctttcctt cgggttggca aaatatttta aaggtaaaac 1861 atgctggtga accaggggtg ttgatggtga taagggagga atatagaatg aaagactgaa 1921 tetteetttg ttgcacaaat agagtttgga aaaageetgt gaaaggtgte ttetttgaet 1981 taatgtettt aaaagtatee agagataeta caatattaae ataagaaaag attatatat 2041 atttctgaat cgagatgtcc atagtcaaat ttgtaaatct tattcttttg taatatttat 2101 ttatatttat ttatgacagt gaacattctg attttacatg taaaacaaga aaagttgaag 2161 aagatatgtg aagaaaaatg tatttttcct aaatagaaat aaatgatccc attttttggt

(B)
MTVARPSVPAALPLLGELPRLLLLVLLCLPAVWGDCGLPPDVPN

AQPALEGRTSFPEDTVITYKCEESFVKIPGEKDSVICLKGSQWSDIEEFCNRSCEVPT
RLNSASLKQPYITQNYFPVGTVVEYECRPGYRREPSLSPKLTCLQNLKWSTAVEFCKK
KSCPNPGEIRNGQIDVPGGILFGATISFSCNTGYKLFGSTSSFCLISGSSVQWSDPLP
ECREIYCPAPPQIDNGIIQGERDHYGYRQSVTYACNKGFTMIGEHSIYCTVNNDEGEW
SGPPPECRGKSLTSKVPPTVQKPTTVNVPTTEVSPTSQKTTTKTTTPNAQATRSTPVS
RTTKHFHETTPNKGSGTTSGTTRLLSGHTCFTLTGLLGTLVTMGLLT